

# SEQUENCE LISTING

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<120> DNA Encoding a Novel PROST 03

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<151> 2000-04-27

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<170> PatentIn Ver. 2.0

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cggcagcaag gaggagaggc cgcagcttct ggagcagagc cgagacgaag cagttctgga 240

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 Met Val Gln Arg Leu

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tgg gtg agc cgc ctg ctg cgg cac cgg aaa gcc cag ctc ttg ctg gtc 344  
 Trp Val Ser Arg Leu Leu Arg His Arg Lys Ala Gln Leu Leu Leu Val

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Tyr	Val	Pro	Pro	Leu	Leu	Leu	Glu	Val	Gly	Val	Glu	Glu	Lys	Phe	Met	
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Thr	Met	Val	Leu	Gly	Ile	Gly	Pro	Val	Leu	Gly	Leu	Val	Cys	Val	Pro	
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Arg	Pro	Phe	Ile	Trp	Ala	Leu	Ser	Leu	Gly	Ile	Leu	Leu	Ser	Leu	Phe	
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Phe	Cys	Gly	Gln	Val	Cys	Phe	Thr	Pro	Leu	Glu	Ala	Leu	Leu	Ser	Asp	
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gac	tgg	gac	acc	agt	gcc	ctg	gcc	ccc	tac	ctg	ggc	acc	cag	gag	gag	872
Asp	Trp	Asp	Thr	Ser	Ala	Leu	Ala	Pro	Tyr	Leu	Gly	Thr	Gln	Glu	Glu	
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Cys	Leu	Phe	Gly	Leu	Leu	Thr	Leu	Ile	Phe	Leu	Thr	Cys	Val	Ala	Ala	
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Glu	Gly	Leu	Ser	Ala	Pro	Ser	Leu	Ser	Pro	His	Cys	Cys	Pro	Cys	Arg	
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Glu Leu Cys Ser Trp Met Ala Leu Met Thr Phe Thr Leu Phe Tyr Thr	
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Leu Gly Leu Phe Leu Gln Cys Ala Ile Ser Leu Val Phe Ser Leu Val	
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Ser Val Ala Ala Phe Pro Val Ala Ala Gly Ala Thr Cys Leu Ser His	
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Ser Ala Leu Gln Ile Leu Pro Tyr Thr Leu Ala Ser Leu Tyr His Arg	
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Glu Lys Gln Val Phe Leu Pro Lys Tyr Arg Gly Asp Thr Gly Gly Ala	
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Ser Ser Glu Asp Ser Leu Met Thr Ser Phe Leu Pro Gly Pro Lys Pro	
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Leu Pro Pro Pro Pro Ala Leu Cys Gly Ala Ser Ala Cys Asp Val Ser	
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Val Arg Val Val Val Gly Glu Pro Thr Glu Ala Arg Val Val Pro Gly	
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 Arg Gly Ile Cys Leu Asp Leu Ala Ile Leu Asp Ser Ala Phe Leu Leu  
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Ala	Ala	Gly	Ile	Thr	Tyr	Val	Pro	Pro	Leu	Leu	Leu	Glu	Val	Gly	Val	35	40	45	
Glu	Glu	Lys	Phe	Met	Thr	Met	Val	Leu	Gly	Ile	Gly	Pro	Val	Leu	Gly	50	55	60	
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Arg	Tyr	Gly	Arg	Arg	Arg	Pro	Phe	Ile	Trp	Ala	Leu	Ser	Leu	Gly	Ile	85	90	95	
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Val	Gly	Leu	Leu	Asp	Phe	Cys	Gly	Gln	Val	Cys	Phe	Thr	Pro	Leu	Glu	130	135	140	
Ala	Leu	Leu	Ser	Asp	Leu	Phe	Arg	Asp	Pro	Asp	His	Cys	Arg	Gln	Ala	145	150	155	160
Tyr	Ser	Val	Tyr	Ala	Phe	Met	Ile	Ser	Leu	Gly	Gly	Cys	Leu	Gly	Tyr	165	170	175	
Leu	Leu	Pro	Ala	Ile	Asp	Trp	Asp	Thr	Ser	Ala	Leu	Ala	Pro	Tyr	Leu	180	185	190	
Gly	Thr	Gln	Glu	Glu	Cys	Leu	Phe	Gly	Leu	Leu	Thr	Leu	Ile	Phe	Leu	195	200	205	
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Pro Thr Glu Pro Ala Glu Gly Leu Ser Ala Pro Ser Leu Ser Pro His  
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 Ala Val Tyr Leu Ala Ser Val Ala Ala Phe Pro Val Ala Ala Gly Ala  
 355 360 365  
 Thr Cys Leu Ser His Ser Val Ala Val Val Thr Ala Ser Ala Ala Leu  
 370 375 380  
 Thr Gly Phe Thr Phe Ser Ala Leu Gln Ile Leu Pro Tyr Thr Leu Ala  
 385 390 395 400  
 Ser Leu Tyr His Arg Glu Lys Gln Val Phe Leu Pro Lys Tyr Arg Gly  
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 Asp Thr Gly Gly Ala Ser Ser Glu Asp Ser Leu Met Thr Ser Phe Leu  
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 Pro Gly Pro Lys Pro Gly Ala Pro Phe Pro Asn Gly His Val Gly Ala  
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 Gly Gly Ser Gly Leu Leu Pro Pro Pro Pro Ala Leu Cys Gly Ala Ser  
 450 455 460  
 Ala Cys Asp Val Ser Val Arg Val Val Val Gly Glu Pro Thr Glu Ala  
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 485 490 495  
 Ser Ala Phe Leu Leu Ser Gln Val Ala Pro Ser Leu Phe Met Gly Ser  
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 Ile Val Gln Leu Ser Gln Ser Val Thr Ala Tyr Met Val Ser Ala Ala  
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Lys Ser Asp Leu Ala Lys Tyr Ser Ala  
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<212> PRT

<213> Homo sapiens

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Tyr Thr Asp Phe Val Gly Glu Gly Leu Tyr Gln Gly Val Pro Arg Ala  
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Glu Pro

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<211> 16

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<210> 21

<211> 26

<212> PRT

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1 5 10 15

Ser Ser Glu Asp Ser Leu Met Thr Ser Phe  
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<210> 22

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Leu Ala Gly Leu Leu Cys Pro Asp Pro Arg Pro Leu Glu  
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<213> Homo sapiens

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1 5 10 15

Thr Glu Ala Arg Arg His Tyr Asp Glu Gly Val Arg  
20 25

<210> 26  
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<400> 26  
Pro Thr Glu Pro Ala Glu Gly Leu Ser Ala Pro Ser Leu Ser Pro His  
1 5 10 15

**Figure 5**  
**Expression of Prost 3 in Human Tissue**

